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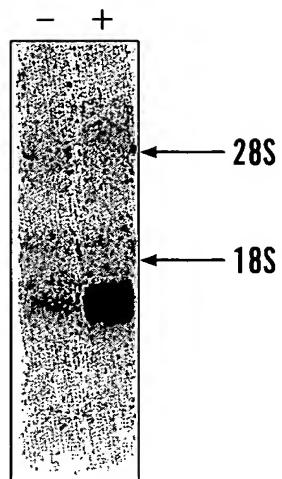


FIG. 1A

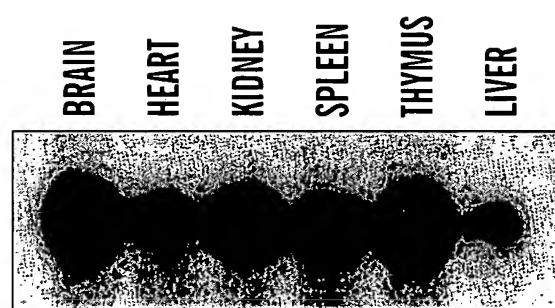


FIG. 1B

HUMAN FAIM SHORT DNA SEQUENCE

ATGACAGATCTCGTAGCTGTTGGATGTTGCTTAAGTGACGGAGTCCACAAGATC
GAATTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGATGGAAAGGA
AGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGGCAAAAGAAACATTCTATGTTG
GAGCTGCAAAGACAAAAGCGACCATAAATATAGACGCTATCAGTGGTTTGCTTAT
GAATATACTCTGAAATTAAATGGAAAAGTCTCAAGAAGTATATGGAGGACAGATC
AAAAACCAACCAAAACTTGGGTATTACACATGGATGGTGAGAACTTTAGAATTGTTTT
GGAAAAAAAGATGCTATGGACGTATGGTCAATGGTAAAAAAATTGGAGACAGCGGGTG
AGTTTGTAGATGATGGGACTGAAACTCACTTCAGTATCGGGAACCATGACTGTTACA
TAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATACTCTCATTGTG
GATAATAGAGAAATCCCAGAGATTGCAAGTTAATGA

FIG. 2A

HUMAN FAIM SHORT PROTEIN

MTDLVAWDVALSDGVHKIEFEHGTSGKRVVYVDGKEEIRKEWMFKLVGKETFYVG
AAKTKATINIDAISGFAYEYTLINGKSLKKYMEDRSKTTNTWVLHMDGENFRIVLEKD
AMDWCNGKKLETAGEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIHTLIVDNREIPE
IAS

FIG. 2B

> HUMAN FAIM LONG DNA SEQUENCE

ATGGCATCTGGAGATGACAGTCCTATCTTGAAAGATGATGAAAGCCCTCCTACAGC
CTAGAAAAAAATGACAGATCTCGTAGCTGTTGGATGTTGCTTAAGTGACGGAGTC
CACAAAGATCGAATTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGA
TGGAAAGGAAGAGATAAGAAAAGAGTGGATGTTCAAATTAGTGGCAAAGAAACA
TTCTATGTTGGAGCTGCAAAGACAAAAGCGACCATAAAATATAGACGCTATCAGTGG
TTTGCTTATGAATATACTCTGGAAATTAAATGGGAAAAGTCTAAGAAGTATATGGA
GGACAGATCAAAAACCCAATACTGGGTATTACACATGGATGGTGAGAAACTTA
GAATTGTTTGAAAAAGATGCTATGGACGTATGGTCAATGGTAAAAAATTGGAG
ACAGCGGGTGAGTTGTAGATGATGGACTGAAACTCACTCAGTATCGGAAACCA
TGACTGTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCATA
CTCTCATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAA

FIG. 2C

HUMAN FAIM LONG PROTEIN

MASGDDSPIFEDDESPPYSLEKMTDLVAVWDVALSDGVHKIEFEHGTTSGKRVVYVDG
KEEIRKEWMFKLVGKETFYVGAAKTKATINIDAISGFAYEYTLINGKSLKKYMEDRSK
TTNTWVLHMDGENFRIVLEKDAMDWCNGKKLETAGEFVDDGTETHFSIGNHDCYIK
AVSSGKRKEGIHTLIVDNREIPEIAS

FIG. 2D

HUMAN FAIM SUPER LONG DNA SEQUENCE

ATGCGCGGAGGGTGC GG CCT CGG CT GAG GC AG AG ACC AG GG TT GG GT CC GT GG C
GG CG GG AG GG GT GG CCT CT CG CT GG CG CC AG GG AC CT GAG AG GC CG A CA
AA CAG TC GG CG CG TT GG T ACT CG CG CT GC AG AG CT T CA AC CT CC CG CG CC GT
CT CG GT NT CT CG CC AG GG AG CA AG GC AC CG GT AN CG CAG CC GAG T CG G AA
CC AACC GG TT GT TT GG T GAA ACT ACC CC AG AG CC CT CC CG CG CC AC AG AG CAC AG C
CCT CTT AC AG C CT AG AAAA AT GAC AG AT CT CG T AG CT GT TT GG AT GT T GCT T A
AG T GAC CG GAG T CC AC AA AG AT CG A ATT GA AC AT GG GACT AC AT CAG G CAA AC GAG T
AG T AT AT GT AG AT GG AA AG GA AG AG ATA AG AAA AG AG T GG AT GT T CAA ATT AG T GG
GCA AAG AA AC ATT CT AT GT T GG AG CT GCA AAG AC AA AG CG ACC AT AA AT AT AG AC
GCT AT CAG T GG TT GT T GCT T AT GA AT AT ACT CT GG AA AT TA AT GG AA AG T CT CA AG
AA GT AT AT GG AG GG AC AG AT CAAA ACC ACC A AT CT GG GT ATT AC AC AT GG AT GG
TG AG AACT T TAG A ATT GT TT GG AAAA AG AT GCT AT GG AC GT AT GG T GCA AT GG T AA
AAA AT GG AG AC AG CG GG GT GAG TT GT AG AT GAT GG ACT GAA ACT CACT CAG TA
TC GGG A ACC AT GACT GT T AC AT AA AGG CT GT CAG T AGT GG GA AG CG GG AA AG AAG GG
ATT ATT CATA CT CATT GT GG ATA AT AG AG AA AT CC CAG AG AT GCA AG TT AAT GA

FIG. 2E

HUMAN FAIM SUPER LONG PROTEIN

MRGGCGLRLRQRTRGVSVAGGVASCAGRPRGPERRDKQSARLVLAPAELSTSAPAA
WXSRPGEQGHAXAAESEPTGCLVKLPQLPRPTEHSPPYSLERKMTDLVAVWDVALSD
GVHKIEFEHGTTSGKRVYVDGKEEIRKEWMFKLVKGKETFYVGAAKTKATINIDAIISGF
AYEYTLINGKSLKKYMEDRSKTTNTWVLHMDGENFRIVLEKDAMDWCNGKKLETA
GEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIHTLIVDNREIPEIAS

FIG. 2F

HUMAN FAIM LUNG CANCER DNA SEQUENCE

ATGGCATCTGGAGATGACAGTCCTATCTTGAAGATGATGAAAGCCCTCCTACAGC
CTAGAAAAAAATGACAGATCTCGTAGCTGTTGGATGTTGCTTAAGTGACGGAGTC
CACAAAGATCGAATTGAACATGGGACTACATCAGGCAAACGAGTAGTATATGTAGA
TGGAAAGGAAAAAGATGCTATGGACGTATGGTGCAATGGTAAAAAATTGGAGACAG
CGGGTGAGTTGTAGATGATGGGACTGAAACTCACTTCAGTATCGGAAACCATGACT
GTTACATAAAGGCTGTCAGTAGTGGGAAGCGGAAAGAAGGGATTATTCTACTCTC
ATTGTGGATAATAGAGAAATCCCAGAGATTGCAAGTTAACATGA

FIG. 2G

HUMAN FAIM LUNG CANCER PROTEIN

MASGDDSPIFEDDESPPYSLEKMTDLVAVWDVALSDGXHKIEFEHGTTSGKRVVYVDG
KEKDAMDVWCNGKKLETAGEFVDDGTETHFSIGNHDCYIKAVSSGKRKEGIIHTLIVDN
REIPEIAS

FIG. 2H

MURINE FAIM SHORT DNA SEQUENCE

ATGACGGATCTCGTAGCTGTTGGGACGTAGCATTAAAGTGACGGAGTCCACAAGATT
GAATTTGAACATGGGACCACATCAGGCAAGCGGGTTGTGTACGTGGATGGGAAGGA
AGAGATAAGAAGAGAGTGGATGTTCAAGTTGGTGGCAAAGAACGTTCTTGTGCG
GAGCTGCAAAAACCAAAGCCACCATCAATATAGATGCCATAAGTGGCTTCGCATAC
GAGTACACGCTGAAATTGATGGGAAGAGCCTCAAGAAGTACATGGAGAACAGGTC
AAAGACCACCAAGCACCTGGGTGCTGCGCCTGGATGGCGAGGACCTGAGAGTTGTTT
GGAAAAAAGACACTATGGACGTATGGTCAATGGTCAGAAAATGGAGAGACAGCGGGC
GAGTTGTAGATGATGGACTGAGACGCACCTCAGCGTTGGAACCAACGGCTGTTAC
ATAAAAGCTGTGAGCAGCGGAAAGAGGAAAGAAGGGATTATCCATACCCTCATTGT
GGATAACAGGGAAATCCCAGAGCTCACTCAGTGA

FIG. 2I

MURINE FAIM SHORT PROTEIN

MTDLVAVWDVALSDGVHKIEFEHGTSGKRVVYVDGKEEIRREWMFKLVGKETFFVG
AAKTAKATINIDAISAFAYEYTLIEDGKSLKKYMENRSKTTSTWLRDGEDLRVVLEKD
TMDVWCNGQKMETAGEFVDDGTETHFSVGNHGCYIKAVSSGKRKEGIHTLIVDNREIP
ELTQ

FIG. 2J

MURINE FAIM LONG DNA SEQUENCE

ATGGCGTCTGGAGATGACAGTCCTATCTTGAAAGATGATGAAAGCCCTCTCTATAGC
CTGGAAAAAAATGACGGATCTCGTAGCTGTTGGGACGTAGCATTAAGTGACGGAGT
CCACAAGATTGAATTGAACATGGGACCACATCAGGCAGCAGCGGGTTGTGTACGTGG
ATGGGAAGGAAGAGATAAGAAGAGAGTGGATGTTCAAGTTGGTGGCAAAGAAC
GTTCTTGTCGGAGCTGCAAAAACCAAAGCCACCATCAATATAGATGCCATAAGTGG
CTTCGCATACGAGTACACGCTGGAAATTGATGGGAAGAGCCTCAAGAAGTACATGG
AGAACAGGTCAAAGACCACCAAGCACCTGGGTGCTGCGCCTGGATGGCGAGGACCTG
AGAGTTGTTGGAAAAAGACACTATGGACGTATGGTCAATGGTCAGAAAATGGA
GACAGCGGGCGAGTTGTAGATGATGGGACTGAGACGCACTCAGCGTTGGGAACC
ACGGCTGTTACATAAAAGCTGTGAGCAGCGGAAAGAGGAAAGAAGGGATTATCCAT
ACCCTCATTGTGGATAACAGGGAAATCCCAGAGCTCACTCAGTGA

FIG. 2K

MURINE FAIM LONG PROTEIN

MASGDDSPIFEDDESPLYSLEKMTDLVAVWDVALSDGVHKIEFEHGTTSGKRVVVVDG
KEEIRREWMFKLVLGKETFFVGAAKTKATINIDAISGFAYEYTLIEDGKSLKKYMENRSK
TTSTWVLRLDGEDLRVVLEKDMDVWCNGQKMETAGEFVDDGTETHFSVGNHGYIK
AVSSGKRKEGIHTLIVDNREIPELTQ

FIG. 2L

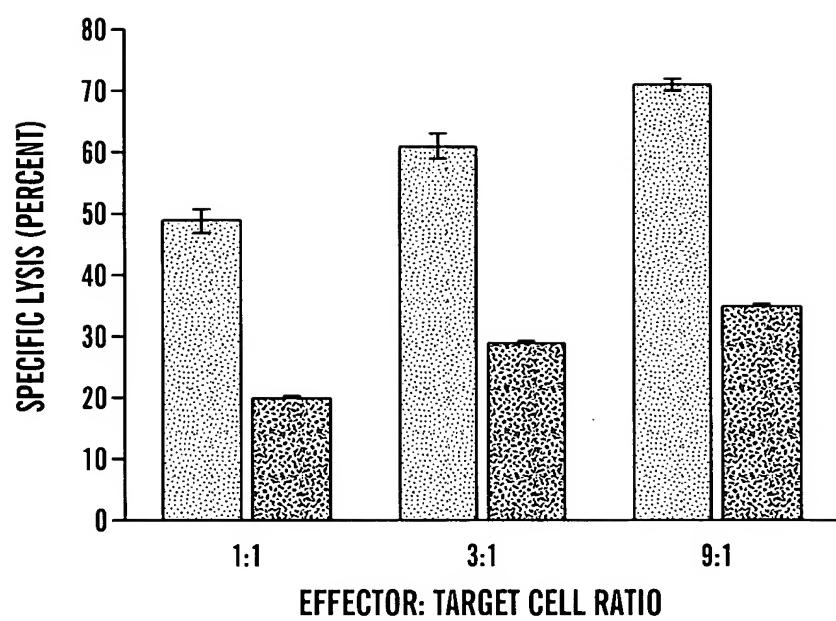


FIG. 3A

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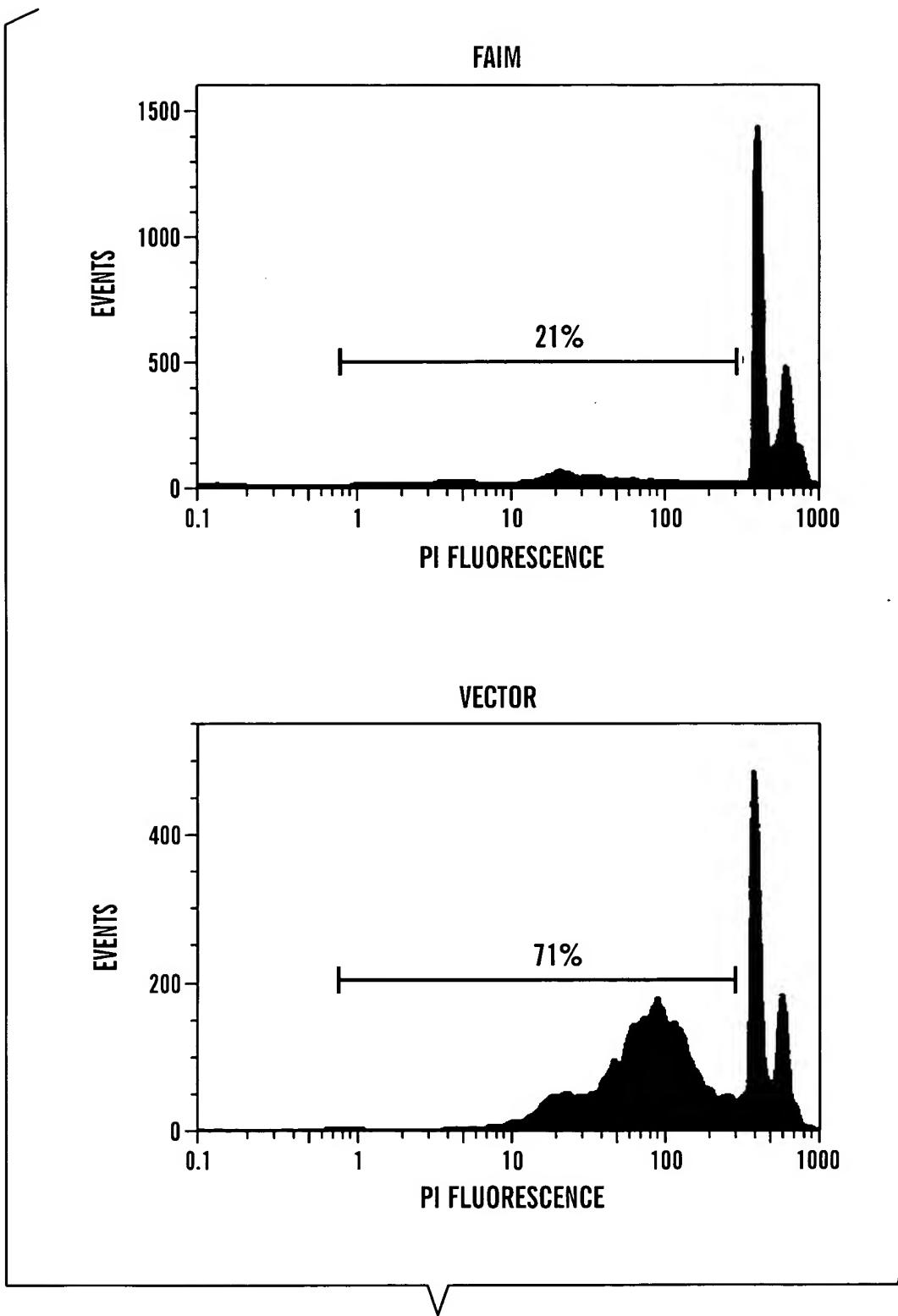


FIG. 3B

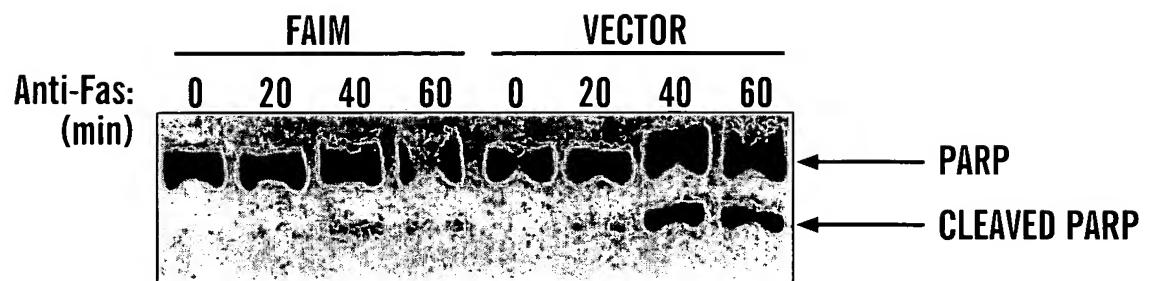


FIG. 3C

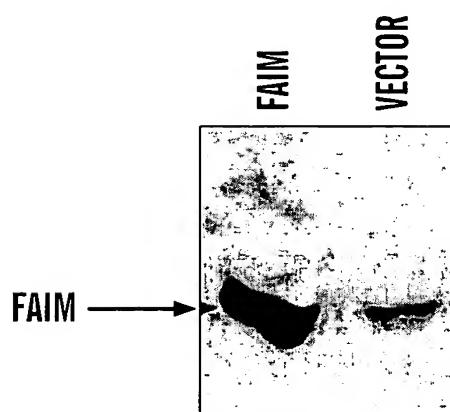


FIG. 3D

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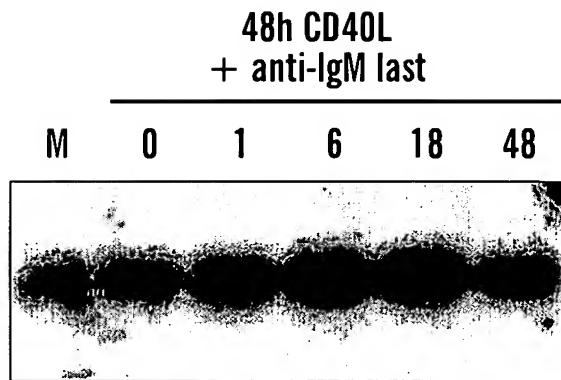


FIG. 4A

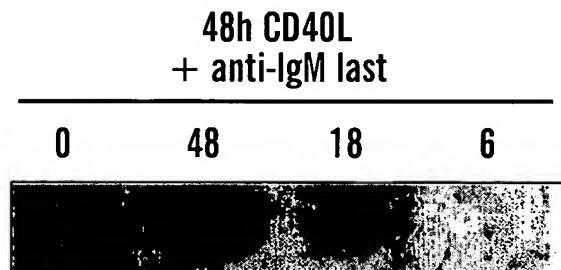


FIG. 4B

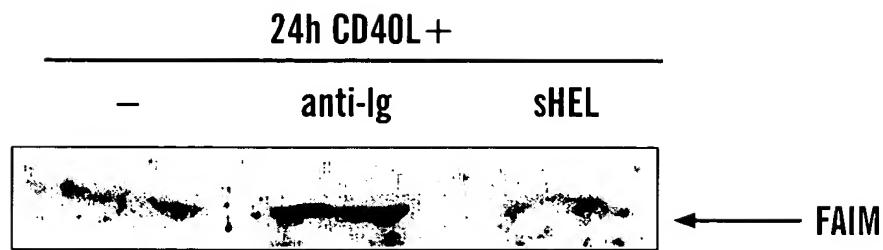


FIG. 4C